

What Is Claimed Is:

1. Interface between two parts of a tool system, in particular a metalworking tool (1), with a holder (3) having a recess (31) and with a replaceable head (5) comprising an extension (33) insertable into the recess (31), disposed in axial continuation to the holder (3) and with a clamping device (19) for attaching the replaceable head (5) to the holder (3), characterized in that the clamping device (19) has a pull stud (41) and an eccentric cam (21) displacing same in the axial direction, where the eccentric cam (21) can be actuated through a peripheral surface (17) of the metalworking tool (1).
2. Interface in accordance with claim 1, wherein the pull stud (41) includes a boss (43) having a first clamping surface (45) which can be introduced into the eccentric cam (21).
3. Interface in accordance with claim 1 or 2, wherein the pull stud (41) has a center axis running in the direction of the center axis (27) of the metalworking tool (1).
4. Interface in accordance with one of the preceding claims, wherein the first clamping surface (45) includes an acute angle to the center axis (27) of the pull stud (41).
5. Interface in accordance with one of the preceding claims, wherein the pull stud (41) is connected to the extension (33) of the tool head (5) or is formed in one piece with same.
6. Interface in accordance with one of the preceding claims, wherein the pull stud (41) has a stop ring (67).
7. Interface in accordance with one of the preceding claims, wherein the eccentric cam (21) has a second clamping surface (78) the spacing of which to an axis of rotation (73) of the eccentric cam (21) varies.

8. Interface in accordance with one of the preceding claims, wherein the boss (43) and the eccentric cam (21) have an ejector surface (63, 81).
9. Interface in accordance with one of the preceding claims, wherein the axis of rotation (73) of the eccentric cam (21) is essentially perpendicular on the center axis (27) of the metalworking tool (1).
10. Interface in accordance with one of the preceding claims, wherein the eccentric cam (41) has a hollow space (49) accessible from the side with a surface which forms the second clamping surface (78) and includes an acute angle to the axis of rotation (73).
11. Interface in accordance with one of the preceding claims, wherein the ejector surface (81) of the eccentric cam (21) is part of the interior surface bounding the cavity (49).
12. Interface in accordance with one of the preceding claims, wherein the eccentric cam (21) has stops (75, 77) restricting its rotational movement.
13. Interface in accordance with one of the preceding claims, wherein the eccentric cam (21) has operating surfaces (53) on at least one end face (52).